

REMARKS

Claims 16 to 28 are pending in the application. Claims 16 and 22 are the independent claims. Favorable reconsideration and further examination are respectfully requested.

Initially, the Examiner objected to the drawings because the blocks in FIG. 1 were not labeled. Accordingly, Applicants submit replacement sheets that include labels to the boxes of FIG. 1. Applicants respectfully request withdrawal of the drawings objection.

Turning to the art rejections, claims 22 and 27 were rejected under 35 U.S.C. §102(b) over U.S. Patent No. 5,604,746 (Oto); claims 16, 19 to 20 and 26 were rejected under §103 over Oto in view of U.S. Patent No. 5,619,536 (Gourgue); claims 17, 18, 24 and 28 were rejected over Oto and Gourgue in view of U.S. Patent No. 6,115,593 (Alinikula); claim 21 was rejected over Oto, Gourgue and Alinikula in view of U.S. Patent No. 5,748,623 (Sawahashi); claim 23 was rejected over Oto in view of Alinikula; and claim 25 was rejected over Oto, Alinikula and Gourgue in view of U.S. Patent No. 6,043,721 (Nagode).. As shown above, Applicants have amended the claims to define the invention with greater clarity. In view of these clarifications, withdrawal of the art rejections is respectfully requested.

Claim 16, as amended, is directed to a method for receiving signals transmitted in subfrequency bands of a receive frequency band of a cellular mobile communication system. The method includes obtaining a first signal frequency band containing the signals by adding a carrier frequency to the receive frequency band and by pre-filtering the receive frequency band, generating a frequency baseband containing the signals by adding an intermediate frequency to the first signal frequency band and by demodulating the first signal frequency band and

performing post-filtering on the frequency baseband to obtain a second signal frequency band containing the signals. Post-filtering includes matching one or more of the carrier frequency and the intermediate frequency to at least one filter parameter. The method also includes digitizing information in the second frequency band and fine-filtering the digitized information to obtain the signals in digital form. The method further includes amplifying the signals of the second signal frequency band or bypassing amplifying the signals of the second signal frequency based on a post-filter output level of the signals.

The applied art is not understood to disclose or suggest the foregoing features of claim 16. In particular, Oto, Gourgue, Alinikula or Nagode, taken separately or in combination, are not understood to disclose or to suggest "amplifying the signals of the second signal frequency band or bypassing amplifying the signals of the second signal frequency based on a post-filter output level of the signals."

More specifically, as correctly noted on page 12 of the Office Action, Otto, Gourgue and Alinikula do not describe bypassing amplifying the signals, much less bypassing amplifying the signals of a second signal frequency based on a post-filter output level of the signals.

To make-up for the foregoing deficiencies in Otto, Gourgue and Alinikula, the Examiner cited Nagode. Nagode does describes bypassing an amplifier 210. However, Nagode bypasses the amplifier 210 if the signals are in a higher frequency band. Nagode does not describe bypassing the amplifier 210 based on a post filter output level of the signals (see column 4, lines 1 to 6 of Nagode). Therefore, Nagode does not disclose or suggest bypassing amplifying the signals of a second signal frequency based on a post-filter output level of the signals.

Even if all of the prior art references were combined, none of the features of the hypothetical combination disclose or suggest amplifying the signals of the second signal frequency band or bypassing amplifying the signals of the second signal frequency based on a post-filter output level of the signals. For at least the foregoing reasons, Applicants request withdrawal of the art rejection.

Claim 22 is directed to a receiver and was amended to correspond roughly with claim 16. Accordingly, amended claim 22 is believed to be allowable for at least the same reasons noted above with respect to claim 16.

Applicants submit that all dependent claims now depend directly or indirectly on allowable independent claims.

It is believed that all of the pending claims have been addressed. However, the absence of a reply to a specific rejection, issue or comment does not signify agreement with or concession of that rejection, issue or comment. In addition, because the arguments made above may not be exhaustive, there may be reasons for patentability of any or all pending claims (or other claims) that have not been expressed. Finally, nothing in this paper should be construed as an intent to concede any issue with regard to any claim, except as specifically stated in this paper, and the amendment of any claim does not necessarily signify concession of unpatentability of the claim prior to its amendment.

In view of the foregoing amendments and remarks, Applicants submit that the entire application is now in condition for allowance. Such action is respectfully requested at the Examiner's earliest convenience.

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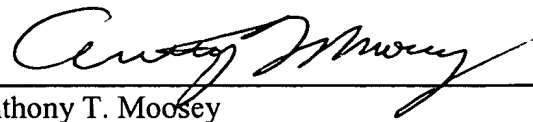
Attorney's Docket No.: 12758-023001
Client Docket No.: 1998P02830WOUS

All correspondence should be directed to the address below. Applicants' attorney can be reached by the telephone number below.

Enclosed is a \$420 check for the Two-Month Extension of Time fee. No other fee is believed to be due for this Response; however, if any fees are due, please apply such fees to Deposit Account No. 06-1050 referencing Attorney Docket 12758-023001.

Respectfully submitted,

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